Updated Appendix A

Claim Terms	Lawson's Proposed Constructions	ePlus's Proposed
		Constructions
Tab A. Catalog / Product Catalog	A collection of text and images	This claim term does not require
	organized and published by a vendor,	construction beyond its plain and
	representing products sold by that	ordinary meaning. To the extent,
claims 1, 2, 6, 9, 21, 22, and 29 of the	vendor.	however, that the Court believes such
'516 patent		term requires construction, ePlus
		proposes the following construction:
"product catalog"		an organized collection of items and
claims 3, 26, 28, and 29 of the '683		associated information which
patent		typically includes a part number,
		price, catalog number, vendor name,
		vendor ID, a textual description of an
		item, and images of or relating to the
		item.
Tab B. Subset	The parties agreed at the Markman hearing and stipulate that the term "subset"	ng and stipulate that the term "subset"
	means "less than all of a set."	
claims 1 and 29 of the '516 patent		
Tab C. Order list	A list of items derived from a list of	This term requires no construction
	selected matching items.	beyond its plain and ordinary
claim 1 of the '172 patent		meaning.
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Tab D. Protocol	The parties agreed at the Markman hearing and stipulate that the term protocol	ng and stipulate that the term protocol
	means a procedure. (based on Lawson's agreement that it would not use this	s agreement mat it would not use uns
claims I and 29 of the 316 patent	definition as the dasis of a non-intringenient argument	icili algument)
Tab E. Matching Items	The results of a search of items	This term requires no construction beyond its plain and ordinary
claims 3 6 26 28 and 29 of the '683	fie. "Hit List").	meaning. To the extent, however, that
patent		the Court believes such term requires
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		construction, ePlus proposes the
claim 1 of the 1/2 patent		TOHOWING CONSTRUCTION.

Claim Terms	Lawson's Proposed Constructions	ePlus's Proposed Constructions
		items returned in search results that satisfy search criteria.
Tab F. Selected Matching Items	One or more items selected by a user in the search program from the list of	This term requires no construction beyond its plain and ordinary
claims 3, 6, 26, 28, and 29 of the '683 patent	'matching items' for inclusion in an order list.	meaning. To the extent, however, that the Court believes such term requires
claim 1 of the '172 patent		construction, ePlus proposes the following construction:
•		items returned in search results that satisfy search criteria and are selected
		for inclusion on a nit list of in a requisition.
		Updated construction:
		"items returned in search results that are selected for inclusion on an order list or in a requisition."
Tab G. Searching for matching	Searching selected product catalogs to	This term requires no construction
items among the selected product	locate items in response to user-entered	beyond its plain and ordinary
Catalogs	35a1511 511511a.	.911120
Tab H. Cross-Reference Table	A table including reference or	This term requires no construction
	identification codes used to link vendor	beyond its plain and ordinary
claims 21 and 29 of the '516 patent	items by catalog number between two	meaning.
	or more different vendors determined	
	by a Distributor to be equivalent.	
Tab I. Electronic sourcing system	If found limiting, "A system for	An electronic system for use by a
	determining what inventory will be	אווות החומר החלבו ומ ומכמוב חוום וווות

Claim Terms	Lawson's Proposed Constructions	ePlus's Proposed
	•	Constructions
preamble of claims 3 and 6 of the '683 patent	used to fulfill requests for items."	items to purchase from sources, suppliers, or vendors.
preamble of claims 1, 2, 6, 9, 21, 22, and 29 of the '516 patent		
preamble of claim 1 of the '172 patent		
Tab J. Converting data relating to a selected matching item and an	Lawson agreed at the <i>Markman</i> haring to use ePlus's proposed definition if	This term requires no construction beyond its plain and ordinary
associated source to data relating to an item and a different source	the term "cross-referencing" was replaced by "substituting." Thus,	meaning. To the extent, however, that the Court believes such term requires
claims 3, 6, and 28 of the '683 patent	Lawson's updated definition is "A process of substituting data relating to	construction, ePlus proposes the following construction:
	a selected matching item and an associated source for data relating to an	A process of cross-referencing data relating to a selected matching item
	item and a different source."	and an associated source to an item and a different source.
Tab K. A multiple purchase order generation module, said purchase	Function: Creating multiple purchase orders from a single requisition created with said user generated criteria and	This claim element requires no construction beyond its plain and ordinary meaning
multiple purchase orders from a single requisition created with said	with said user generated criteria and said search-module criteria Means: None.	
user generated criteria and said search-module criteria		
claim 21 of the '516 patent		

Tab L. Means for selecting the	Function: Selecting two or more	Function: selecting the product
product catalogs to search	product catalogs to search	catalogs to search. Exemplary
	Means: Two means for selecting two	corresponding structure, material and
claim 3 of the '683 patent	or more product catalogs are disclosed:	acts: a computer which is
	1. Software initiated from catalog	programmed with special-purpose
	search program (50 or 250) running on	software modules to execute an
	local computer (20 or 220) that	algorithm which includes the steps of:
	consists of the following step:	(1) receiving inputted information
	a. selecting two or more product	relating to a user's selection of
	catalogs from a list of available	product catalogs to search from
	catalogs displayed to a user ('683	among the at least two product
	patent, 9:52-67); and	catalogs available; and (2)
	2. Software initiated from	communicating the input selection to
	requisition/purchasing system (40 or	a search engine module; or (1)
	240) running on local computer (20 or	selecting catalogs to be searched from
	220) that consists of the following	among the at least two product
	steps:	catalogs available based on
	a. entering vendor identification	preferences or history; and (2)
	information into requisition/purchasing	communicating the catalog selection
	system (10:8-11); and	to a search engine program; and
	b. communicating vendor	structural equivalents thereof. See,
	identification from	e.g., '683 Patent, Col. 5, 1. 66 to Col.
	requisition/purchasing system to	6,1. 3; Col. 6, 11. 11-13; Col. 7,11.38-
	catalog search program running on	43; Col. 7,1. 61 to Col. 8,1. 2; Col.
	same local computer via the DDE	8,11.8-26; Col. 8,11.33-58; Col. 9, 11.
	protocol of interface (60) (10:8-20).	19-34; Col. 9:52-Col. 10:20; Col.
		16,11.40-54; Col. 17,11.14-15; Col.
		17,11.34-38; Col. 17,11. 56-61; Col.
		18,11.32-39; Col. 18,11. 42-47; Col.
		18, 11.52-67; Appendix VII; Figs. 1A,

		IB 1C 2
3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Directions Compliant for motoling	Emotion: Coarching for matching
1 ab M. Means for searching for	Function: Searching for matching	runcuon. Scalciniig 101 matching
matching items among the selected	items among the selected two or more	items among the selected product
product catalogs	product catalogs	catalogs.
	<u>Means</u> : Two means are disclosed:	Exemplary corresponding structure,
claim 3 of the '683 patent	1. Software initiated from	material and acts: A computer which
	requisition/purchasing system (40 or	is programmed with special-purpose
	240) running on local computer (20 or	software modules including a search
	220) that consists of the following	engine module to execute an
	steps:	algorithm which includes the steps of:
	a. entering certain search criteria	(1) receiving search criteria (e.g.,
	(e.g., catalog number, part number, or	catalog number, part number, partial
	partial text) relating to item(s) to be	textual description) relating to item(s)
	searched into requisition/purchasing	to be searched; (2) communicating the
	system ('683 patent, 7:48-55, 7:61-8:2,	search criteria to a search engine
	8:22-26);	module; (3) querying certain fields of
	b. searching local RIMS databases	the item data to locate item records in
	(42) based on search criteria, and if	the selected product catalogs matching
	found, search is complete (6:6-8, 7:36-	the search criteria; and (4) outputting
	38, 4:20-23);	items matching the search criteria; and
	c. if items are not found in RIMS	structural equivalents thereof. See,
	databases (42), communicating the	e.g., '683 Patent, Col. 4, 11. 4-9; Col.
	search criteria from	4, 11. 25-30; Col. 5,11. 18-39; Col.
	requisition/purchasing system (40 or	5,1. 61-Col. 6,1. 22; Col. 7,1. 61-Col.
	240) to catalog search program (50 or	8, 1.32; Col. 8, 1.40-Col. 10, 1.20;
	250) running on same local computer	Col. 10, 1. 65-Col. 11, 1. 29; Col. 12,
	via the DDE protocol of interface (60)	11. 4-29; Col. 16, 11.8-32; Col. 18,11.
	(8:37-9:8);	6-13; Figs. 1A, IB, 1C, 2; Appendices
	d. concatenating (i.e., joining	I, II, III, IV, V, VI, VIII.
	together by linking so as to form a	
	chain or series) only selected product	

or O or Seed no no carrion late a a late and in the carrion from from or O or			
chain or series) only the selected product catalogs to be searched after the user selects the catalogs to be searched (9:67-10:4). d. searching the concatenated catalogs from catalog database (36 or 236) via catalog search program (50 or 250) running on local computer based on data received from shell program (52) (9:34-37, 10:8-20); e. if more than one search criterion is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		together by linking so as to form a	
product catalogs to be searched after the user selects the catalogs to be searched (9:67-10:4). d. searching the concatenated catalogs from catalog database (36 or 236) via catalog search program (50 or 250) running on local computer based on data received from shell program (52) (9:34-37, 10:8-20); e. if more than one search criterion is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		chain or series) only the selected	
the user selects the catalogs to be searched (9:67-10:4). d. searching the concatenated catalogs from catalog database (36 or 236) via catalog search program (50 or 250) running on local computer based on data received from shell program (52) (9:34-37, 10:8-20); e. if more than one search criterion is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		product catalogs to be searched after	
d. searched (9:67-10:4). d. searching the concatenated catalogs from catalog database (36 or 236) via catalog search program (50 or 250) running on local computer based on data received from shell program (52) (9:34-37, 10:8-20); e. if more than one search criterion is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Eunction: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 220) that consists of the following		the user selects the catalogs to be	
d. searching the concatenated catalogs from catalog database (36 or 236) via catalog search program (50 or 250) running on local computer based on data received from shell program (52) (9:34-37, 10:8-20); e. if more than one search criterion is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		searched (9:67-10:4).	
catalogs from catalog database (36 or 236) via catalog search program (50 or 250) running on local computer based on data received from shell program (52) (9:34-37, 10:8-20); e. if more than one search criterion is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following			
236) via catalog search program (50 or 250) running on local computer based on data received from shell program (52) (9:34-37, 10:8-20); e. if more than one search criterion is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		catalogs from catalog database (36 or	
250) running on local computer based on data received from shell program (52) (9:34-37, 10:8-20); e. if more than one search criterion is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		236) via catalog search program (50 or	
on data received from shell program (52) (9:34-37, 10:8-20); e. if more than one search criterion is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		250) running on local computer based	
e. if more than one search criterion is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		on data received from shell program	
e. if more than one search criterion is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		(52) (9:34-37, 10:8-20);	
is received, catalog search program prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		e. if more than one search criterion	
prioritizes search as follows: (a) part (catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		is received, catalog search program	
(catalog) number, (b) keyword, and (c) page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		prioritizes search as follows: (a) part	
page number, stopping at highest priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		(catalog) number, (b) keyword, and (c)	
priority search criteria resulting in a match (6:14-22); and f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		page number, stopping at highest	
f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		priority search criteria resulting in a	
f. displaying via catalog search program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		match (6:14-22); and	
program a hit list (47) of search results (9:39-45, 10:2-4, 12:27-29, Appendix III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		f. displaying via catalog search	
III). Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		program a hit list (47) of search results	
Function: Building a requisition using data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		(9:39-45, 10:2-4, 12:27-29, Appendix	
to data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		III).	
data related to selected matching items and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following	Tab N. Means for building a	Function: Building a requisition using	Function: building a requisition using
and their associated source(s). Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following	requisition using data relating to	data related to selected matching items	data relating to selected matching
Means: One means for building a requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following	selected matching items and their	and their associated source(s).	items and their associated source(s).
requisition is disclosed: 1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following	associated source(s)	<u>Means</u> : One means for building a	Exemplary corresponding structure,
1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following		requisition is disclosed:	material and acts: a computer which is
<u>.</u>	claims 3 and 6 of the '683 patent	1. A software means initiated from	programmed with special-purpose
		requisition/purchasing system (40 or	software modules including a
		240) running on local computer (20 or	requisition module to execute an
		220) that consists of the following	algorithm which includes the steps of:

steps:	(1) selecting one or more items from
a. entering certain data (e.g.,	hit lists of catalog items matching
account number, requisition number) in	search criteria that were returned from
requisition/purchasing system (40 or	searching selected product catalogs;
240) to create requisition tables stored	(2) transferring the selected matching
in requisition database (42A) ('683	item data to a requisition module; and
patent, 6:44-65, 7:20-28);	(3) building a requisition using data
b. initiating search for matching	from the selected matching items to
item(s) in catalog database (36 or 236)	populate certain fields on the
from either requisition/purchasing	requisition form; and structural
system (40 or 240) or catalog search	equivalents thereof. See, e.g., '683
program (50 or 250) running on local	Patent, Col. I,ll. 11-35; Col 3,11. 16-
computer (20 or 220) via two search	19; Col. 4, 11. 1-3; Col. 4, 11. 10-22;
means described above (at 8:15-32);	Col. 5,11. 18-38; Col. 6, 1. 39-Col. 8,1.
c. displaying via catalog search	2; Col. 10, II. 21-43; Col. 11,11.30-67;
program a hit list (47) of search results	Col. 12,1. 30-Col. 14,1. 4; Col.
(at 9:39-45; 12:27-29; Appendix III);	16,11.40-54; Col. 17,11. 10-28; Col.
d. selecting one or more items to	18, 11.47-52; Figs. 1-3; App. I, II, VI,
be requisitioned (at 10:21-24; 11:30-	VIII, IX.
38);	
e. generating an order list (48) in	
shell (52 or 252) and catalog search	
program (50 or 250) containing data	
relating to selected items (e.g., vendor	
name, product description, list price)	
(at 11:20-38; 11:62-66);	
f. displaying data relating to	
selected items in order list (48) (at	
11:38-43; 12:38-40; Appendix VI);	
g. transmitting data from order list	
(48) to requisition/purchasing system	

	running on same local computer (20 or 220) via the DDE protocol of interface (60) (at 11:50-54: 12:48-53: 13:1-21):	
	and	
	h. updating requisition tables in	
	requisition database (42A) with data	
	received from order fist (46) via interface (60) (at 12:60-67).	
Tab O. Means for processing the	Function: Processing the requisition to	Function: processing the requisition to
requisition to generate one or more	generate one or more purchase orders	generate one or more purchase orders
purchase orders for the selected	for the selected matching items Means: None.	Tor the selected matching nems. Exemplary corresponding structure,
		material and acts: a computer which is
claims 3 and 6 of the '683 patent		programmed with special-purpose
		software modules including a
		purchasing module to execute an
		algorithm which includes the steps of:
		(1) accepting the requisition; and (2)
		generating one or more purchase
		orders based on the data included in
		the requisition relating to the matching
		items selected from the items returned
		from searching selected product
		catalogs and based on predetermined
		rules relating to the user's preference
		(e.g., one purchase order to each
		distinct supplier referenced in the
		requisition); and structural equivalents
		thereof. See, e.g., '683 Patent, Col.
		1,11.10-35; Col. 10,11. 52-64; Col.
		15,11. 20-54; Col. 17,11.44-48; Col.

		10 11 10 30. E. 2 1 2
		To. 11.10-27, F185. 1-3.
Tab P. Means for converting data	Function: Converting data retaining to a	relected matching item and an
and an associated source to data	associated source to data relating to an	associated source to data relating to an
relating to an item and a different	item and a different source	item and a different source.
source	Means: None.	Exemplary corresponding structure,
		material and acts: a computer which is
claims 3 and 6 of the '683 patent		programmed with special-purpose
		software modules to execute an
		algorithm which includes the steps of:
		(1) maintaining a cross-reference table
		or file identifying cross-referenced
		items, identical items or generally
		equivalent items and one or more
		codes corresponding to
		crossreferenced items, identical items
		or generally equivalent items; (2) for a
		selected matching item, accessing the
		cross-reference table or file to identify
		an identical item or generally
		equivalent item cross-referenced to the
		selected matching item and associated
		with a different source; and (3)
		replacing the selected matching item
		and its associated source with the
		identical item or generally equivalent
		item and its different source in a
		requisition; and structural equivalents
		thereof. See, e.g., '683 Patent, Col. 4,
		1. 60 - Col. 5, 1. 8; Col. 10,11.43-52;
		Col. 14,11.35-45; Col. 16,11.8-32;

Tab Q. Means for searching for matching items in the database		Col. 16,11.54-62; Col. 17,11. 29-48;
Tab Q. Means for searching for matching items in the database		
Tab Q. Means for searching for matching items in the database		Appendices VII-X.
matching items in the database	Function: Searching for matching	Function: searching for matching items
	items in the database	in the database.
	<u>Means</u> : Two means are disclosed:	Exemplary corresponding structure,
claim 6 of the '683 patent	1. Software initiated from	material and acts: a computer which is
•	requisition/purchasing system (40 or	programmed with special-purpose
	240) running on local computer (20 or	software modules including a search
	220) that consists of the following	engine module to execute an algorithm
	steps:	which includes the steps of: (1)
	a. entering certain search criteria	receiving search criteria (e.g., catalog
	(e.g., catalog number, part number, or	number, part number, partial textual
	partial text) relating to item(s) to be	description) relating to items(s) to be
	searched into requisition/purchasing	searched; (2) communicating the
	system ('683 patent, 7:48-55, 7:61-8:2,	search criteria to a search engine
	8:22-26);	program; (3) querying certain fields of
	b. concatenating (i.e., joining	the item data to locate item records in
	together by linking so as to form a	the database matching the search
	chain or series) only selected product	criteria; and (4) outputting items
	catalogs to be searched after the user	matching the search criteria; and
	selects the catalogs to be searched	structural equivalents thereof. See, e.g.,
	(9:67-10:4).	'683 Patent, Col. 4,11. 4-9; Col. 4, 11.
	c. searching local RIMS databases	25-30; Col. 5; 11. 18-39; Col. 5, 61-
	(42) based on search criteria, and if	Col. 6, 1. 22; Col. 7,1. 61-Col. 8,1. 32
	found, search is complete (6:6-8, 7:36-	Col. 8,1. 40- Col. 10,1. 20; Col. 10,1.
	38, 4:20-23);	65- Col. 11,1. 29; Col. 12,11.4-29;
	d. if items are not found in RIMS	Col. 16,11.8-32; Col. 18,11.6-13; Figs.
	databases (42), communicating the	IA, 1B, 1C, 2; Appendices I, II, III, IV,
	search criteria from	V, VI, VII.
	requisition/purchasing system (40 or	
	240) to catalog search program (50 or	

	together by linking so as to form a	
	chain or series) only the selected	
	product catalogs to be searched after	
	the user selects the catalogs to be	
	searched (9:67-10:4).	
	d. searching the concatenated	
	catalogs from catalog database (36 or	
	236) via catalog search program (50 or	
	250) running on local computer based	
	on data received from shell program	
	(52) (9:34-37, 10:8-20);	
	e. if more than one search criterion	
	is received, catalog search program	
	prioritizes search as follows: (a) part	
	(catalog) number, (b) keyword, and (c)	
	page number, stopping at highest	
	priority search criteria resulting in a	
	match (6:14-22); and	
	f. displaying via catalog search	
	program a hit list (47) of search results	
	(9:39-45, 10:2-4, 12:27-29, Appendix	
	III).	
Tab R. Means for entering product	Function: Entering product information	Function: entering product information
information that at least partially	that at least partially describes at least	that at least partially describes at least
describes at least one desired item	one desired item.	one desired item.
	Means: Two means for performing this	Exemplary corresponding structure,
claim 1 of the '172 patent	function are disclosed:	material and acts: a computer which is
	1. A software means initiated from	programmed with special-purpose
	requisition/purchasing system (40 or	software modules to execute an
	240) running on local computer (20 or	algorithm which includes the step of
	220) that consists of the following step:	receiving certain fields of entered

		information (a a catalog number nart
	a. entering in	illiolillation, (e.g., catalog manioci, part
	requisition/purchasing system (40 or	number, partial text, etc.) to at least
	240) certain fields of information (e.g.,	partially describe at least one desired
	catalog number, part number, or partial	item; and structural equivalents
	text) that partially describe an item	thereof. See, e.g., '172 Patent, Col. 5,1.
	('172 patent, 7:48-55, 7:61-8:2, 8:22-	24-Col. 6,1. 27; Col. 7, 1. 66- Col. 8,1.
	26).	37; Col. 8,11. 45- 62; Col. 12,11.6-28;
	2. A software means initiated from	Figs. 1-2; App. VII.
	shell program (52 or 252) running on	
	local computer (20 or 220) that	
	consists of the following steps:	
	a. displaying a search screen on	
	the monitor of local computer (12:4-	
	12, Appendix VII); and	
	b. entering search criteria (e.g.,	
	catalog page number, keyword, part	
	number) for item to be searched (9:12-	
	14, 12:12-24).	
Tab S. Means for searching for	Function: Searching for matching	Function: searching for matching items
matching items that match the	items that match the entered product	that match the entered product
entered product information in the	information in the selected portions of	information in the selected portions of
selected portions of the database	the database	the database.
	Means: Two means are disclosed:	Exemplary corresponding structure,
claim 1 of the '172 patent	1. Software initiated from	material and acts: a computer which is
•	requisition/purchasing system (40 or	programmed with special-purpose
	240) running on local computer (20 or	software modules including a search
	220) that consists of the following	engine module to execute an
	steps:	algorithm which includes the steps of:
	a. entering certain search criteria	(1) receiving the entered product
	(e.g., catalog number, part number, or	information relating to item(s) to be
	partial text) relating to item(s) to be	searched; (2) communicating the

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searched into requisition/purchasing	entered product information to a
system ('172 patent, 7:48-55, 7:61-8:2,	search engine module; (3) querying
8:22-26);	certain fields of the item data to locate
b. searching local RIMS databases	item records in the selected portions
(42) based on search criteria, and if	of the database matching the entered
found, search is complete (6:6-8, 7:36-	product information; and (4)
38, 4:20-23);	outputting a hit list of items matching
c. if items are not found in RIMS	the entered product information; and
databases (42), communicating the	structural equivalents thereof. See,
search criteria from	e.g., '172 Patent, Col. 4, 11. 10-14;
requisition/purchasing system (40 or	Col. 6,11.4-27; Col. 7, 1. 66- Col. 8,1.
240) to catalog search program (50 or	37; Col. 8,1. 45-Col. 10,1. 21; Col.
250) running on same local computer	12,11.6-41; Figs. IA, 1B, IC, 2;
via the DDE protocol of interface (60)	Appendix III; Appendix VII."
(8:37-9:8);	
d. concatenating (i.e., joining	
together by linking so as to form a	
chain or series) only selected product	
catalogs to be searched after the user	
selects the catalogs to be searched	
(9:67-10:4).	
e. searching the concatenated	
catalogs from catalog database (36 or	
236) via catalog search program (50 or	
250) based on the search criteria	
received from requisition/purchasing	
system (9:34-37, 10:8-20);	
f. if more than one search criterion	
is received, catalog search program	
prioritizes search as follows: (a) part	
(catalog) number, (b) keyword and (c)	

					Į.							2-									÷-	or				ion	
page number, stopping at highest priority search criteria resulting in a	match (6:14-22); and g. displaying via catalog search	program a hit list of search results (9:39-45).	2. Software initiated from shell	program (52 or 252) running on local	computer (20 or 220), that consists of	the following steps:	a. displaying a search screen on	the monitor of local computer (12:4-	12, Appendix VII);	b. receiving search criteria (e.g.,	catalog page number, keyword, part	number) for item to be searched (9:12-	14, 12:12-24);	c. concatenating (i.e., joining	together by linking so as to form a	chain or series) only the selected	product catalogs to be searched after	the user selects the catalogs to be	searched (9:67-10:4).	d. searching the concatenated	catalogs from catalog database (36 or	236) via catalog search program (50 or	250) running on local computer based	on data received from shell program	(52) (9:34-37, 10:8-20);	e. if more than one search criterion	is received, catalog search program

prio (cat page page prio prio	prioritizes search as follows: (a) part	
pris prio mat	(catalog) ituliioci, (0) acy word, and (c)	
mat	page mannor, stopping at ingress priority search criteria resulting in a	
•	match (6:14-22); and	
∺	displaying via catalog search	
lord	program a hit list (47) of search results	
(9:3 <u>)</u>	(9:39-45, 10:2-4, 12:27-29, Appendix	
[III]	D).	
Tab T. Means for generating an Fun	Function: Generating an order list that	Function: generating an order list that
one		includes at least one matching item
	selected by said means for searching.	selected by a search engine program.
	<u>Means</u> : One means for generating an	Exemplary corresponding structure,
		material and acts: a computer which is
claim 1 of the '172 patent 1.	A software means that utilizes	programmed with special-purpose
cate		software modules to execute an
she	shell program (52 or 252) and consists	algorithm which includes the steps of:
oft		(1) displaying a hit list of results of a
a.	displaying via catalog search	search corresponding to items
ord	•	matching the entered product
sea		information; (2) selecting one or more
12:		items from the hit list for inclusion in
b.		an order list; and (3) generating an
pe	be requisitioned (10:21-24, 11:30-38);	order list containing data related to the
and		selected matching items; and structural
ပ်	generating an order list (48) in	equivalents thereof. See, e.g., '172
she		Patent, Col. 9, 1.51- Col. 10, 1. 44;
pro	program (50 or 250) containing data	Col. 10, 1. 66-Col. 12, 1. 2; Col. 12,
rel	relating to selected items (e.g., vendor	11. 42-57; Col. 17, 1. 55-Col. 18, 1.
nar	name, product description, list price)	10; Col. 18, 11. 43-50; Appendix III;
(11	(11:20-38, 11:62-66).	Appendix VI; Figs IA, IB, IC.

for building a	t uses data obtained	base relating to	ing items on said	
Tab U. Means for building a	requisition that uses data obtained	from said database relating to	selected matching items on said	order list

claim 1 of the '172 patent

Function: Building a requisition that uses data obtained from said database relating to selected matching items on said order list.

Means: One means for building a

requisition is disclosed:

1. A software means initiated from requisition/purchasing system (40 or 240) running on local computer (20 or 220) that consists of the following

a. entering certain data (e.g., account number, requisition number) in requisition/purchasing system (40 or 240) to create requisition tables stored in requisition database (42A) (172 patent, 6:44-65; 7:20-28);

b. initiating search for matching item(s) in catalog database (36 or 236) from either requisition/purchasing system (40 or 240) or catalog search program (50 or 250) running on local computer (20 or 220) via two search means described above (8:15-32); c. displaying via catalog search program a hit list (47) of search results

c. displaying via catalog search program a hit list (47) of search results (9:39-45, 12:27-29, Appendix III) d. Selecting one or more items to be requisitioned (10:21-24, 11:30-38); e. generating an order list (48) in shell (52 or 252) and catalog search

<u>Function</u>: building a requisition that uses data obtained from a database relating to selected matching items on an order list.

selected matching items included on an order list to a requisition program; and material and acts: a computer which is algorithm which includes the steps of: the order list to populate certain fields on the requisition form; and structural Patent, Col. 1, 11. 15-40; Col. 10, 11. from the selected matching items on 22-44; Col. 12,1. 52- Col. 14,1. 14; (2) building a requisition using data Exemplary corresponding structure, equivalents thereof. See, e.g., '172 programmed with special-purpose Figs. 1-3; App. I, II, VI, VIII, IX. requisition module to execute an (1) transferring data relating to software modules including a

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Tab V. Means for processing said requisition to generate purchase orders for said selected matching items

	•
I.C.	predetermined rules relating to the
n	user's preference (e.g., one purchase
.0	order to each distinct supplier
<u>u</u>	referenced in the requisition); and
St	structural equivalents thereof. See, e.g.,
	'172 Patent Col. 1,11.15-40; Col.
	10,11. 53-65; Col. 15,1. 39-Col. 16,1.
4	4; Col. 18,11.6-16; Col. 18,11.54-67;
ŢŢ.	Figs. 1-3.